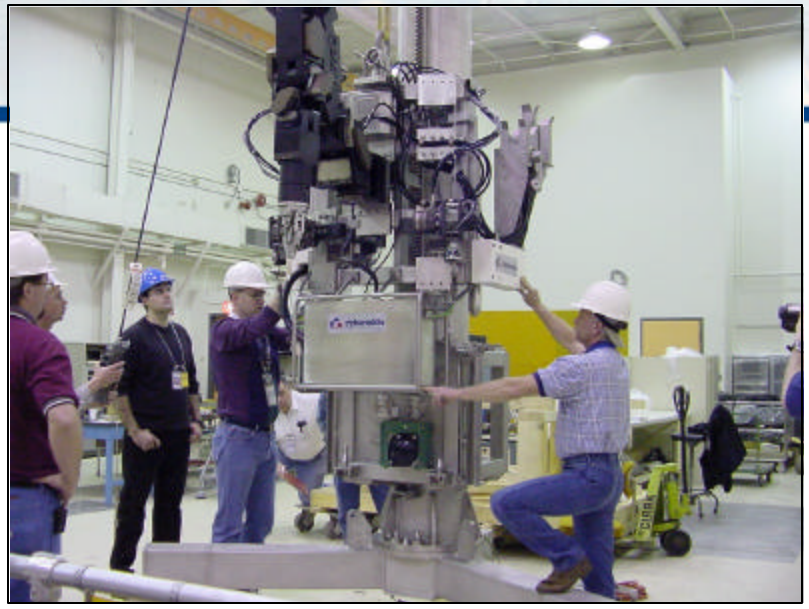


Section A

Executive Summary

Introduction

This section of the report is intended to provide Management with an executive-level summary of the most noteworthy performance information to date. All information is current as of the end of May 2002 unless otherwise noted.

The section begins with a description of notable accomplishments that have occurred since the last monthly report and are considered to have made the greatest contribution toward safe, timely, and cost-effective clean up. Following the accomplishment section is an overall fiscal year-to-date summary analysis addressing cost, schedule, and milestone performance. Also included in this section is a contract to date performance table. Overviews of safety ensue. The next segment of the Executive Summary, entitled Breakthroughs and Opportunities for Improvement represents potential significant improvements over the established baseline. The Critical Issues section is designed to identify the high-level challenges to achieving cleanup progress. The next section includes FY 2002 EM Management Commitment Milestones and Performance Incentives. Concluding the Executive Summary, a forward-looking synopsis of Upcoming Planned Key Events is provided.

Note: Milestones tracked and reported in the Executive Summary are FY2002 Contract Milestones and consist of two Department of Energy levels. In descending order these levels are 1) Department of Energy-Headquarters (HQ), and 2) Richland Operations (RL). Because it is also useful to distinguish milestones based on specific drivers, the Site applies a designation for those milestones created or tracked to meet the requirements of Enforceable Agreements (EAs). When a milestone satisfies both an EA requirement and a milestone level, it is categorized as both. However, in order to avoid duplicate reporting, this report accounts for each milestone only once. Where an overlap exists between EA and a level (i.e., HQ or RL), the milestone is reported as EA. Additionally, Tri-Party Agreement (TPA) Major and Interim milestones are EA milestones. TPA milestones that are not enforceable are called Target milestones and are included in the milestone tables found in the applicable Project Sections. Project Section tables encompass FY2001 through FY2006 milestones.

Notable Accomplishments

Spent Nuclear Fuel (SNF) Movement Activities ¾ During this reporting period, seven Multi-Canister Overpacks (MCOs) containing 32.65 Metric Tons of Heavy Metal (MTHM) were shipped from K West (KW) (68 MCOs and 318.46 MTHMs, cumulatively). To date, the Spent Nuclear Fuel (SNF) Project is 56 working days (27 MCOs, 126.62 MTHM) behind the baseline schedule commitment to move 720.1 MTHM by the end of the fiscal year.

Mixed Low Level Waste (MLLW) Treatment ¾ Receipt of non-thermally treated MLLW from ATG is complete. All waste shipped to ATG in FY 2001 and FY 2002 for non-thermal treatment has been successfully treated and returned.

Waste Isolation Pilot Plant Waste Acceptance Criteria (WIPP WAC) Implementation — The Hanford TRU Program completed the activities necessary for implementation of the revised WIPP WAC and (on May 17, 2002) was the first site to obtain approval from the Carlsbad Area Field Office (CBFO).

Stabilization of Nuclear Material

Metals, Alloys, Oxides and Polycubes — During May, 42 Bagless Transfer Containers (BTCs) were welded and 28 furnace runs were completed in 234-5Z and 2736-ZB. A cumulative total of 578 BTCs have now been made in the 234-5Z and 2736-ZB facilities. Stabilization of Magnesium Hydroxide precipitated material, which began in mid April, continues with 99 of the 607 liters stabilized.

Residues — During May 220,336 grams of Sand, Slag, and Crucible (SS&C) material were packaged into 29 Pipe Overpack Containers (POCs). Processing of SS&C is exceeding the baseline schedule and all scheduled FY02 Sand, Slag and Crucible (SS&C) material was packaged by May 31, 2002. Processing of FY03 SS&C material is now underway. Fourteen POCs were shipped to the Central Waste Complex (CWC) in May.

Solutions ¾ During May the Solutions Stabilization Project stabilized 800 liters of material.

Outer Can Packaging ¾ Thirty-four 3013 Containers were produced during the May reporting period with a fiscal year to date total of 223 containers.

Project W-460 ¾ The Department of Energy (DOE) has signed the final Construction Completion Document (CCD) officially closing the W-460 project.

No-Notice Exercise – On May 15, 2002, the DOE-HQ Office of Emergency Operations conducted a no-notice exercise at the Hanford Site. The purpose of the exercise was to test and evaluate the ability of the Hanford Site Emergency Response Organization to respond to an unannounced simulated operational emergency. The exercise was limited in scope and focused on objectives related to key command, control, and communications functions. The initial feedback from the DOE-HQ evaluation team indicated that the site had passed all exercise objectives and the team noted good performance. A written report will be provided to the site within 45 days.

PERFORMANCE DATA AND ANALYSIS

The following provides a brief synopsis of overall PHMC Environmental Management (EM) cost, schedule, and milestone performance.

FY 2002 Schedule and Cost Performance

Schedule Performance — There is a Fiscal Year (FY) 2002 year-to-date 1.8 percent ($6.1 million) unfavorable schedule variance that is within the established 10 percent threshold. The 200 Area Remediation subproject is outside the threshold. Detailed variance analysis explanations may be found in the applicable section.

Cost Performance — FY 2002 year-to-date cost performance reflects a 0.5 percent ($1.8 million) unfavorable cost variance that is within the established 10 percent threshold. Subprojects outside the threshold with favorable variances are 300 Area Cleanup, Advanced Reactor Transition, River Corridor Waste Management, 200 Area Remediation, Plutonium Finishing Plant, and Near Term Stewardship. These favorable variances are offset by an unfavorable seven percent variance in Spent Nuclear Fuel. Detailed variance analysis explanations may be found in the applicable sections.

BASELINE PERFORMANCE STATUS
FY 2002 COST / SCHEDULE PERFORMANCE – ALL FUND TYPES
FY TO DATE STATUS ($M)
(FLUOR HANFORD, INC. ONLY)

DATA THROUGH MAY 2002

	Current Fiscal Year Performance ($ x Million)					Annual Budget
	FYTD			Schedule	Cost	
	BCWS	BCWP	ACWP	Variance	Variance	
River Corridor Restoration						
3.1.2 **300 Area Cleanup** RC02	0.8	0.8	0.7	0.0	0.1	1.2
3.1.3 **Advanced Reactor Transition** RC03	1.1	1.2	0.9	0.1	0.3	1.9
3.1.5 **River Corridor Waste Mgmt.** RC05	2.4	2.6	2.1	0.2	0.5	3.7
3.1.6 **300 Area Facility Transition** RC06	26.0	26.5	25.1	0.5	1.4	38.4
Subtotal Restoration	**30.3**	**31.1**	**28.8**	**0.8**	**2.3**	**45.2**
River Corridor Final Closure and SNF						
3.2.3 **Spent Nuclear Fuel** RS03	116.7	111.6	119.7	(5.1)	(8.1)	172.2
Subtotal SNF	**116.7**	**111.6**	**119.7**	**(5.1)**	**(8.1)**	**172.2**
Central Plateau Transition						
3.3.1 **200 Area Remediation** CP01	6.7	4.8	3.7	(1.9)	1.1	15.7
3.3.2 **Waste Management** CP02	50.8	50.0	50.7	(0.8)	(0.7)	79.8
3.3.3 **Plutonium Finishing Plant** CP03	53.8	58.3	51.9	4.5	6.4	78.3
Subtotal Central Plateau	**111.3**	**113.1**	**106.3**	**1.8**	**6.8**	**173.8**
Site Integation & Infrastructure						
3.4.1 **Site Integration** SS01	19.7	19.7	18.6	0.0	1.1	29.8
3.4.2 **Landlord & Site Services** SS02	59.4	55.5	59.9	(3.9)	(4.4)	93.4
3.4.5 **HAMMER** SS05	3.1	3.4	3.1	0.3	0.3	4.8
Subtotal Site Integration	**82.2**	**78.6**	**81.6**	**(3.6)**	**(3.0)**	**128.0**
Site Stewardship						
3.5.1 **Near Term Stewardship** SC01	0.6	0.6	0.4	0.0	0.2	0.9
Subtotal Stewardship	**0.6**	**0.6**	**0.4**	**0.0**	**0.2**	**0.9**
Total PHMC Projects	**341.1**	**335.0**	**336.8**	**(6.1)**	**(1.8)**	**520.1**

Notes: Column headings [Budgeted Cost of Work Scheduled (BCWS), Budgeted Cost of Work Performed (BCWP), etc.] are defined in the glossary at the end of the report. The data is from the Hanford Data Integrator (HANDI) reports. The Annual Budget is FY2002 worksope only and does not include prior year scope. PBS CP01 reflects scope transfers to occur in July.

BASELINE PERFORMANCE STATUS CONTRACT TO DATE ($M) (FLUOR HANFORD, INC. ONLY)

The following table portrays the Fluor contract to date cost and schedule performance.

	Contract to Date Performance ($ x Million)					Contract Period Budget
	CTD			Schedule Variance	Cost Variance	
	BCWS	BCWP	ACWP			
River Corridor Restoration						
3.1.2 **300 Area Cleanup** RC02	2.0	2.0	1.9	0.0	0.1	33.4
3.1.3 **Advanced Reactor Transition** RC03	2.9	2.9	2.1	0.0	0.8	7.7
3.1.5 **River Corridor Waste Mgmt.** RC05	6.8	7.0	6.1	0.2	0.9	27.1
3.1.6 **300 Area Facility Transition** RC06	71.5	71.0	67.6	(0.5)	3.4	340.0
Subtotal Restoration	**83.2**	**82.9**	**77.7**	**(0.3)**	**5.2**	**408.2**
River Corridor Final Closure and SNF						
3.2.1 **S. Hanford Industrial Area**	0.0	0.0	0.0	0.0	0.0	6.4
3.2.3 **Spent Nuclear Fuel** RS03	293.6	282.3	286.5	(11.3)	(4.2)	639.8
Subtotal SNF	**293.6**	**282.3**	**286.5**	**(11.3)**	**(4.2)**	**646.2**
Central Plateau Transition						
3.3.1 **200 Area Remediation** CP01	12.8	10.2	9.3	(2.6)	0.9	203.9
3.3.2 **Waste Management** CP02	154.8	149.5	145.9	(5.3)	3.6	606.0
3.3.3 **Plutonium Finishing Plant** CP03	161.3	158.8	155.4	(2.5)	3.4	457.7
Subtotal Central Plateau	**328.9**	**318.5**	**310.6**	**(10.4)**	**7.9**	**1267.6**
Site Integation & Infrastructure						
3.4.1 **Site Integration** SS01	36.8	36.5	34.5	(0.3)	2.0	175.5
3.4.2 **Landlord & Site Services** SS02	110.3	105.5	108.9	(4.8)	(3.4)	539.6
3.4.5 **HAMMER** SS05	9.5	9.4	8.9	(0.1)	0.5	29.2
Subtotal Site Integration	**156.6**	**151.4**	**152.3**	**(5.2)**	**(0.9)**	**744.3**
Site Stewardship						
3.5.1 **Near Term Stewardship** SC01	1.7	1.7	1.0	0.0	0.7	5.1
Subtotal Stewardship	**1.7**	**1.7**	**1.0**	**0.0**	**0.7**	**5.1**
Total PHMC Projects	**864.0**	**836.8**	**828.1**	**(27.2)**	**8.7**	**3071.4**

DATA THROUGH MAY 2002

Notes: Contract period budget reflects the contractual funding profile (FY01 – FY06), plus/minus approved Baseline Change Requests. Planned scope transfers from/to the River Corridor Contractor will be included once the transfers take place.

Funds Management
Funds vs. Actual Costs ($000)

This chart reflects the FH Project structure. This breakout is necessary to provide FH project managers with information specific to their areas of responsibility and accountability and to facilitate effective management of the funds within their control (obligated to the PHMC).

FH has taken multiple actions to ensure that projected spending remains within available funds and that funding control points are not violated. FH has also directed additional steps to offset the recent cost growth experienced or expected in several projects. The results of these additional actions will be incorporated in June's Fiscal Year Spend Forecast (FYSF). Also, contingency plans are in place to accommodate further reductions if necessary. An internal reprogramming action is in progress to address excess funding remaining in PFP's W-460 Line Item. Please note that expected funds numbers reflect RL's identified funding sources for a portion of the work scope falling outside contract cost estimates.

For purposes of funds management, the "Other" category includes all funding sources that may not be suitable for redistribution within the Project Completion and Post 2006 control points.

Project	PBS	Expected Funds	Project May Forecast	Project Completion	Post 2006	Other
Spent Nuclear Fuel	RS03	$176,389	$179,437	($3,048)		
Plutonium Finishing Plant	CP03	$84,695	$84,420	$275		
	CP03	$570	$566			$4
Subtotal PFP		$85,265	$84,986	$275		$4
River Corridor	RC06	$37,408	$36,894	$514		
	RC02	$1,032	$996		$36	
	RC05	$3,188	$2,981		$207	
	RC01	$2,790	$2,790		$0	
	CP01	$18,287	$18,286		$1	
	RS01	$80	$80		$0	
	SS03	$0	$0		$0	
	SS04	$1,724	$1,724		$0	
Subtotal RC		$64,509	$63,751	$514	$244	
Waste Management	CP02	$81,118	$81,118	$0		
Advanced Reactor	RC03	$2,285	$1,546			$739
Landlord & Site Services	SS02	$91,912	$92,413	($501)		
HAMMER	SS05	$5,503	$5,082		$421	
Site Integration	SS01	$27,505	$27,900		($395)	
Near Term Stewardship	SC01	$1,308	$1,290		$18	
TOTAL EXPENSE		**$535,794**	**$537,523**	**($2,760)**	**$288**	**$757**

Note: Revised FH Allocation reflects total expected funds distributed based on agreed-to scope adjustments and targeted reductions. May FYSF includes projected indirect variance distribution ($3.0M).

MILESTONE PERFORMANCE

Milestones represent significant events in project execution. They are established to provide a higher level of visibility to critical deliverables and to provide specific status about the accomplishment of these key events. Because of the relative importance of milestones, the ability to track and assess milestone performance provides an effective tool for managing the PHMC EM cleanup mission. These milestones are consistent with the FH contract.

FYTD milestone performance (Enforceable Agreement [EA], U.S. Department of Energy- Headquarters [DOE-HQ], and RL) shows no changes from last month. Five milestones were completed on or ahead of schedule, one milestone was completed late, and two milestones are overdue.

In addition to the FY2002 milestones described above, there is one overdue milestone from FY2001 [PFP (Section J)]. Further details regarding this milestone may be found in the referenced Project Section.

FY 2002 information is depicted graphically on the following page. For additional details related to the data, prior year milestones, and outyear milestones, refer to the relevant project section titled "Milestone Achievement."

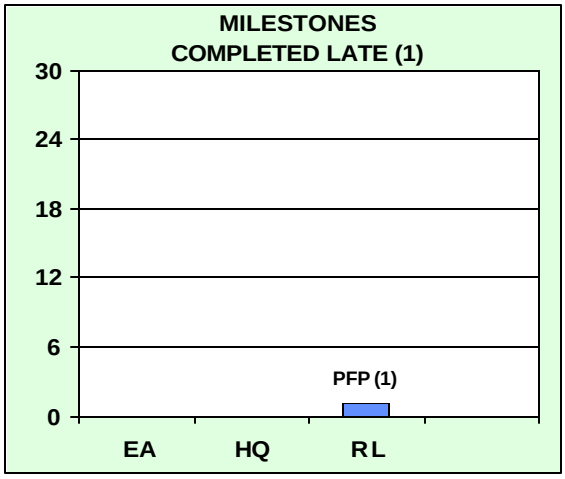
FY 2002 information reflects the September 30, 2001 Baseline. Changes in both the number and type of milestones from month to month are the result of Baseline Change Requests (BCRs) approved during the year.

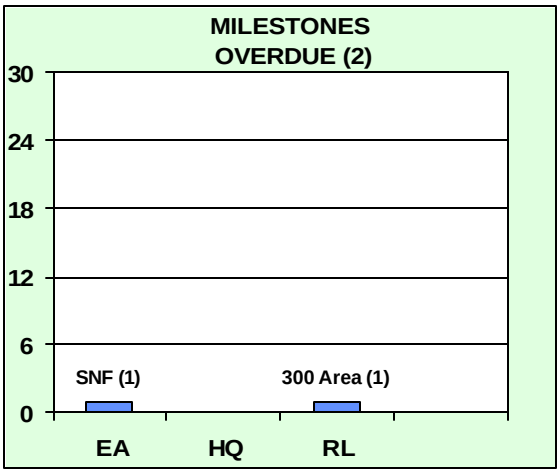
TOTAL ALL HANFORD PROJECTS
MILESTONE ACHIEVEMENT
FH Contract Milestones

MILESTONE TYPE	FISCAL YEAR-TO-DATE				REMAINING SCHEDULED			Total FY 2002
	Completed Early	Completed On Schedule	Completed Late	Overdue	Forecast Early	Forecast On Schedule	Forecast Late	
Enforceable Agreement	3	0	0	1	0	0	0	4
DOE-HQ	0	0	0	0	0	0	2	2
RL	2	0	1	1	0	4	2	10
Total Project	5	0	1	2	0	4	4	16

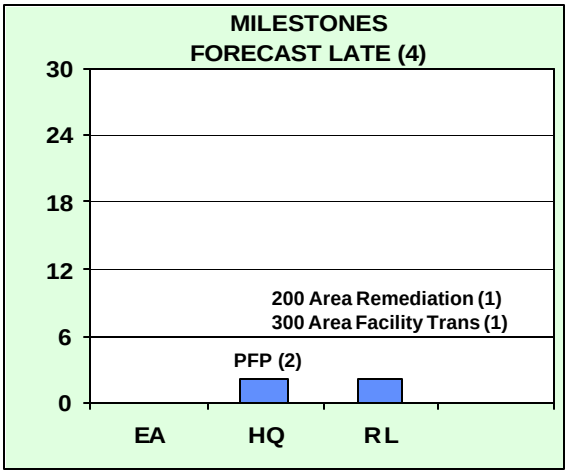
MILESTONE EXCEPTIONS

FISCAL YEAR TO DATE





REMAINING SCHEDULED



These charts provide detail by project and milestone level / type for milestones
- Completed Late
- Overdue
- Forecast Late
- Detailed information can be found in the individual project sections

SAFETY OVERVIEW

The focus of this section is to document trends in occurrences. Improvements in these rates are due to the efforts of the PHMC workforce as they implement the Integrated ES&H Management System (ISMS), work towards achieving Voluntary Protection Program (VPP) "star" status, and accomplish work through Enhanced Work Planning (EWP). Safety and health statistical data is presented in this section. The safety charts are being reported to OSHA standards. Current calendar year data continue to be corrected as further days accumulate on any work restrictions or lost days, or when cases are reclassified.

Significant Safety and Health Events

PHMC Level

Occupational Safety & Health Administration (OSHA) Recordable Case Rate: The FH Team OSHA Recordable Rate is stable at the current baseline of 1.5 cases per 200,000 hours, better than the DOE CY 2001 rate of 2.3. FH Project-specific Safety Improvement Plan efforts are showing early signs of further reducing injuries, with the past three month's OSHA Recordable Rates below the 1.5 average.

Days Away From Work Case Rate: The current safe work hour count for the FH Team is 5,023,215 hours. The past seven months have been below average (and at zero) - a significant improving trend. The DOE CY 2001 rate is 0.45 cases per 200,000 hours worked. FH Projects have experienced only three Days Away From Work injuries in FY02.

DOE Safety Cost Index: The DOE Safety Cost Index is stable at the current baseline average of 3.5 cents per hour worked. This is well below the DOE CY 2001 average of 9.7 cents. The low Cost Index for FH is the result of low severity on the injuries being experienced by the projects.

Subproject Level

The **Plutonium Finishing Plant (PFP)** subproject has accumulated 503,842 safe hours. The FY 2002 OSHA Recordable Case Rate remains stable at the current baseline average of 2.4 cases per 200,000 hours worked, slightly above the DOE CY 2001 rate of 2.3 cases. PFP is working aggressively on safety communications and planning for an onsite VPP evaluation. PFP will submit its VPP Application to RL in June.

The **300 Area Facility Transition** (WBS 3.1.6) subproject (formerly called the River Corridor Project) has achieved 387,772 safe work hours. The OSHA Recordable Case Rate remains stable at the current baseline average of 1.9 cases per 200,000 hours worked. No new OSHA recordable cases were reported in May. The subproject is in the process of receiving additional Decontamination and Decommissioning (D&D) work being transitioned from the Environmental Restoration contractor. This will result in the transfer of approximately 250 people and three major D&D projects.

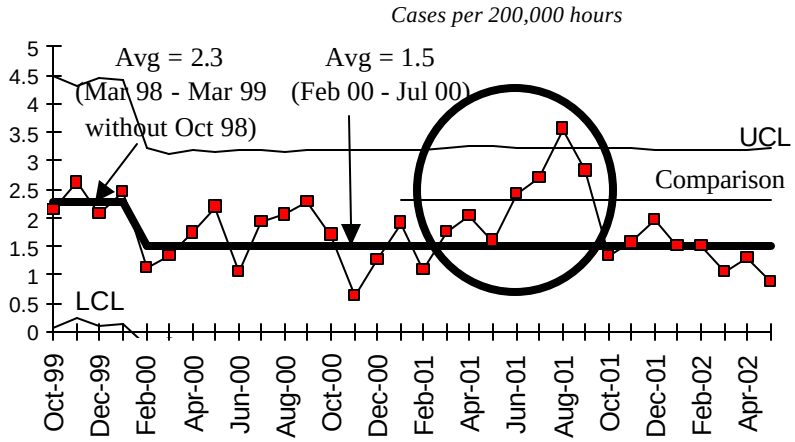
The **Spent Nuclear Fuel (SNF) Project** has achieved 4.6 million safe work hours. The OSHA Recordable Case Rate is stable at the improved baseline of 1.0 cases per 200,000 hours worked. No new OSHA recordable cases were reported in May. SNF continues to work communication and culture issues as it prepares for VPP Application submittal.

The **200 Area Materials and Waste Management** (WBS 3.3.2) subproject (formerly called the Waste Management Project) has achieved 3.7 million safe work hours. The OSHA Recordable Case Rate remains stable at 0.8 cases per 200,000 hours worked, the lowest of the FH project rates. No new OSHA recordable cases were reported in May. The subproject has achieved the Fluor Corporate goal of a Recordable rate less than 0.9.

Due to space constraints, FY 1996 through FY 1998 data is not portrayed on the following graphs.

Total OSHA Recordable Case Rate

Green

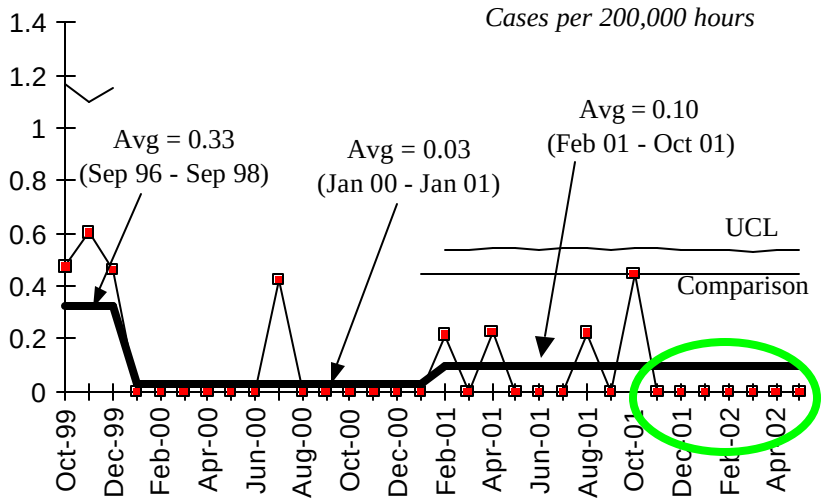


FY 2001 = 1.9
FY 2002 to date = 1.4
DOE Complex Comparison Average = 2.3 (CY01)

The OSHA Recordable Case Rate has returned to the previous baseline of 1.5 cases per 200,000 hours, Current data are significantly better than the DOE comparison rate of 2.3 cases per 200,000 hours.

OSHA Days Away from Work Case Rate

Green

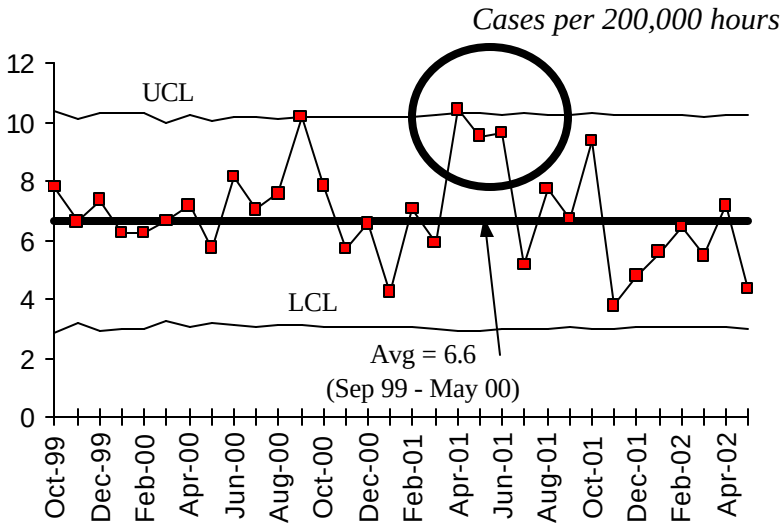


FY 2001 = 0.05
FY 2002 to date = 0.05
DOE Complex Comparison Average = 0.45 (CY01)

The current safe work hour count for the FH Team is 5,023,215 hours. The past 7 months have been below average, a significant decrease in injury rate.

First Aid Case Rate

Green

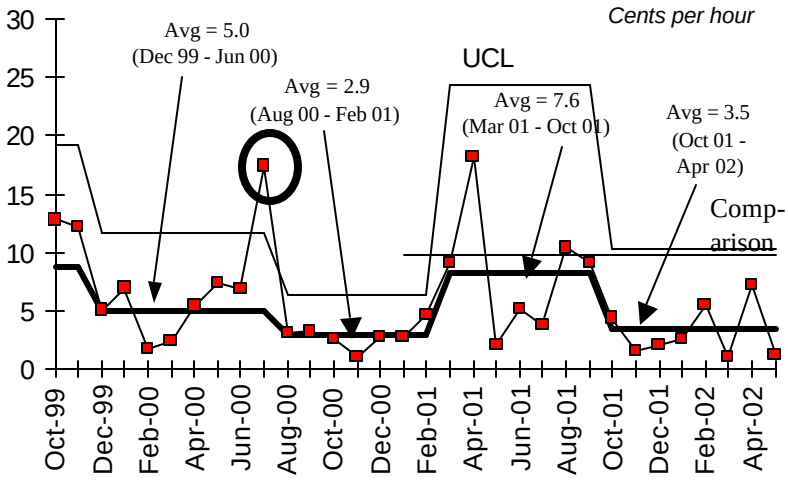


First Aid Rate undergoes seasonal cycles. Increases occur in warmer weather due to insect and animal encounters and due to wind related minor injuries. Such an increase did occur this past summer. Hanford is especially susceptible to wind borne debris injuries due to the site wildfire in June 2000. First Aid case rate has remained relatively stable.

Fiscal year calculations are not included as DOE does not publish a comparison rate, and comparisons of partial fiscal year data to prior years would not be appropriate due to the routine cyclical trends in the data.

DOE Safety Cost Index

Green



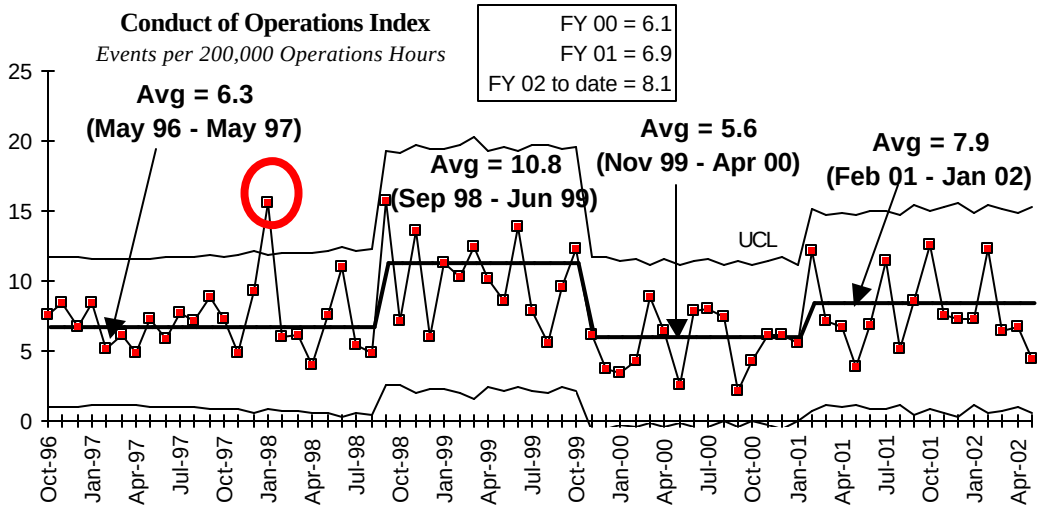
FY 2001 = 5.9
FY 2002 to date = 3.2
DOE Complex Comparison
Average = 9.7 (CY01)
A new baseline average and upper control limit was established, following the significant decrease noted last month. Current data are significantly lower than the DOE comparison rate.

Current Calendar's Year data continue to be corrected as further days accumulate on any work restrictions or lost days.

CONDUCT OF OPERATIONS

The data appear to be stable on the new baseline and the current baseline average is greater than 7.

The current month tends to be artificially low as it can take up to 45 days to assign a root cause to an occurrence report, and the majority of the event types in the index are root cause generated.



BREAKTHROUGHS / OPPORTUNITIES FOR IMPROVEMENT

Breakthroughs

Monolithic Removal of 327 Hot Cells — In order to support accelerated 300 Area closure, River Corridor (RC) is integrating decommissioning and demolition with deactivation activities where practical. Intact removal of the 327 hot cells appears to be technically feasible, to have potentially significant ALARA benefits, and to result in schedule/cost reduction. Certification that the hot cells can be disposed of as non-Transuranic waste is key to adopting monolithic removal as the technical baseline. In support of this initiative, RC was successful in obtaining Accelerated Site Technology Deployment (ASTD) funding ($935K) to purchase in-situ characterization instruments that will lead to the eventual low-level waste certification. All four of the instruments are on order with the first (a neutron detection system) to be delivered to the 327 Facility before July 1, 2002.

Nondestructive Evaluation (NDE) of Contamination in the KE Basin Walls and Floors — A significant activity necessary to deactivate the 100 Area KE Basin is to characterize the level of contamination in the basin's unsealed concrete walls and floor. This characterization data will be used to help determine the methods to be applied in completing the deactivation of the basin, once fuel and sludge have been removed. The SNF Project will be using a nondestructive (gamma scanning) technique and detector system, developed by the Pacific Northwest National Laboratory, to acquire data on the depth of radionuclide penetration in the basin's concrete walls and floors. This is the first time the NDE technique will be used to obtain characterization data with the facility in normal operation, with its full inventory of fuel, sludge and contaminated water. If successful, the data will be used, in conjunction with other information, to determine which deactivation methods can realistically be used to remove/reduce the radiological dose/contamination, as well as to determine which basin areas are in the most need of mitigation. This detection system has been constructed, tested under laboratory conditions and is ready for deployment into the KE Basin.

Permit By Rule Treatment at 300 Area TEDF — FH investigated the potential to treat limited categories of liquid non-radioactive hazardous wastes using the existing capabilities of the 300 Area TEDF by applying a permit exclusion available within the waste regulations. Treatment of hazardous wastes at TEDF could provide a low-cost option for disposal of some wastes currently sent off-site. While initial implementation activities are planned through the remainder of FY 2002, full implementation will be delayed to FY 2003 due to funding constraints.

Opportunities for Improvement

Environmental Compliance Program— The FH Environment and Regulation organization continued efforts on the Environmental Awareness Initiative. In May, activities included coordination of the Environmental Stewardship Award presentation and award ceremony at the Health and Safety Exposition (EXPO). The selection criterion for the award included input from environmental regulators and RL staff, reportable environmental incidents, participation in recycling efforts, Facility Evaluation Board (FEB) assessment results, and responsiveness to corrective actions. River Corridor was presented with the award on May 2, 2002.

Witness Model— A Fluor consulting group is assisting the SNF Project reanalyzing its critical path to regain a successful production schedule. The team has been here since May 6, 2002 and is working with the SNF Project team to develop a witness model that will help predict our future rate of production based on historical information including process improvements. The model will be ready for process evaluations by the end of June 2002.

Flowmeter — The installation of a more reliable flowmeter for the P-2 pump is complete and is very stable.

Processing Improvement — Plutonium Finishing Plant (PFP) personnel and contractor staffs have identified opportunities for improving the material control and accountability (MC&A) inventory process at the PFP. The MC&A Process Improvement Plan draft report is currently being prepared and is scheduled for final approval and release in July 2002.

Processing Improvement — A Process Qualification Application was submitted on May 17th. Approval of the process qualification by RL is required to allow processing of oxides to achieve the DNFSB milestones and PFP baseline schedules. Volume II of the application will be provided to a Third Party Review Team by mid June, with expectation of implementing the Process Qualification Program by mid July. RL approval of the technical basis document supporting Process Qualification is required by June 30th.

Issues

Accelerated schedule for Pressurized Water Reactor (PWR) fuel assembly shipments — Meeting the accelerated 324 schedule for five PWR fuel assembly shipments by September 30, 2002 vs. December 2002 necessitates recovering lost time. Acceptance testing of the first unigrapple is complete. However, during performance of the unigrapple initial preventive maintenance, a loose component was identified requiring repair. Repair is being performed. Due to problem/resolution delays in the acceptance test procedure of the unigrapple, the project is currently seven days behind schedule to ship five PWR SNF assemblies by September 30. Currently working swing shift and weekends to recover schedule.

SNF MCO number 63 fails integrity test — The path forward for final disposition of MCO number 63 has not been decided. The MCO is under surveillance in Bay two of the Central Vacuum Drying Facility and recovery plan evaluation is proceeding.

Equipment reliability is a challenge for sustaining SNF movement — Continued equipment failures may negatively impact meeting fuel movement commitments. Major repairs are complete for the

Primary Clean Machine (PCM) and manipulators. The P-1 pump replacement is complete. Fluor consulting is evaluating additional repair action items that can reduce random equipment failures.

Lack of Mixed Low Level Waste (MLLW) Treatment Capacity — ATG's financial status has adversely impacted production rates. FH is currently working with ATG to develop a new fourth quarter FY 02 contract with an option for FY03 based on repricing by ATG. The Low Level Waste (LLW) compaction contract will complete this fiscal year. Actions are underway to place a Broad Spectrum contract while continuing onsite treatment/disposal efforts.

Buried Transuranic (TRU) Drum Retrieval Behind Schedule — The Retrieval Document Safety Analysis (DSA) comment resolution in progress; document revisions will be submitted to RL by June 28, 2002. Approved positions planned to be filled by July and personnel recruitment actions are underway.

EM Corporate Performance Measures

This information is provided quarterly.

EM Life Cycle Performance Measures

This information is provided quarterly.

Upcoming Planned Key Events

The following key events are extracted from the authorized baseline and are currently expected to be accomplished during the next several months. Most are Enforceable Agreement (EA), DNFSB or DOE-HQ Milestones.

300 Area Remediation

Transition — Transition 310 TEDF/340 Facility Project to the Waste Management Project by July 2002.

Gravity Filter — Install Gravity Filter Walkway by September 30, 2002.

Spent Nuclear Fuel (SNF) — Accomplish accelerated schedule of five Pressurized Water Reactor (PWR) spent fuel assembly shipments by September 30, 2002.

Contract Transition — Support transfer of FH scope to River Corridor Closure Contract (RCCC) on September 30, 2002, or 90 days preceding contract award.

Spent Nuclear Fuel

Sludge Water — Complete in-basin 100 percent design by June 14, 2002. Complete Sludge Transportation System 100 percent design by June 20, 2002.

Fuel Transfer System (FTS) — Complete installation of mechanical equipment by June 24, 2002. Complete construction of FTS by June 28, 2002.
100K Deactivation — Obtain characterization data of KE Basin by June 30, 2002.

Site-wide Activities — Ship Neutron Radiography Facility (NRF) Training, Research and Isotope Production, General Atomics (TRIGA) fuel to 200 Area ISA by July 2002.

100K Deactivation — Complete Project Execution Plan by July 30, 2002.

Site-wide Activities — Receive initial 324 Building LWR fuel shipment at 200 Area ISA by August 2002. Receive initial Shippingport Fuel at the Canister Storage Building (CSB) by August 2002.

200 Area Remediation

Equipment Disposition Project — Ship the Ion exchange columns by August 2002.

200 Area Materials & Waste Management

Accelerate Readiness to Receive SNF K Basin Sludge — 1) Continue Contractor Operational Readiness Review (ORR) for movement of Shippingport (PA) fuel, 2) Support activities to receive and store K Basin sludge, and 3) Accelerate T Plant Canyon cell cleanout.

MLLW Treatment — Contract negotiations are progressing to allow additional non-thermal MLLW treatment at ATG during the fourth quarter of FY 2002 and during FY 2003. Efforts continue to secure technology demonstration funding to perform thermal desorption treatability tests at Perma-Fix.

TRU Program Recertification Audit —?The recertification audit of the Hanford TRU Waste Program is scheduled for June 24-28, 2002. The annual audit is required to maintain the certified status of Hanford's TRU Waste Program and retain the ability to certify and ship TRU waste to the Waste Isolation Pilot Plant.

TRU Waste Retrieval — Planning is underway for a TRU Retrieval mockup. The mockup will include clean drums and boxes in a configuration similar to the retrieval trenches, and will allow operations personnel to validate retrieval planning efforts prior to excavating TRU drums. The Documented Safety Analysis (DSA) comments and subsequent receipt of the Safety Evaluation Report from RL (approving the DSA) is expected by July 18, 2002.

Plutonium Finishing Plant Support — Continue to support residues processing with shipment of the new Sand, Slag and Crucible waste stream through FY 2003.

300 Area Cleanup Support — Continue support to the 324 Fuels Removal Project, 327 Facility Cleanout, and the 300 Area Accelerated Closure Project.

Waste Encapsulation and Storage Facility (WESF) Operations — Complete removal of chemical lines in the Aqueous Makeup Unit (AMU). Begin K-1 filter change. Support the accelerated capsule disposition initiative.

Liquid Waste Processing — Continue groundwater processing at the 200 Area Effluent Treatment Facility. Two 242-A evaporator campaigns are scheduled for late summer and early fall.
Hanford RCRA Permit Modification E — In accordance with the approved Settlement Agreement, the conditions of Hanford RCRA Permit Modification E are effective on June 25, 2002. Waste Management Project personnel are working to complete the final actions necessary for implementation.

Plutonium Finishing Plant

Solutions Processing — Complete solutions stabilization and packaging by August 31, 2002.